

No. 606,781.

Patented July 5, 1898.

R. L. HALPERIN.
DENTAL JAW BRACE.

(Application filed Sept. 16, 1897.)

(No Model.)

Fig. 1.

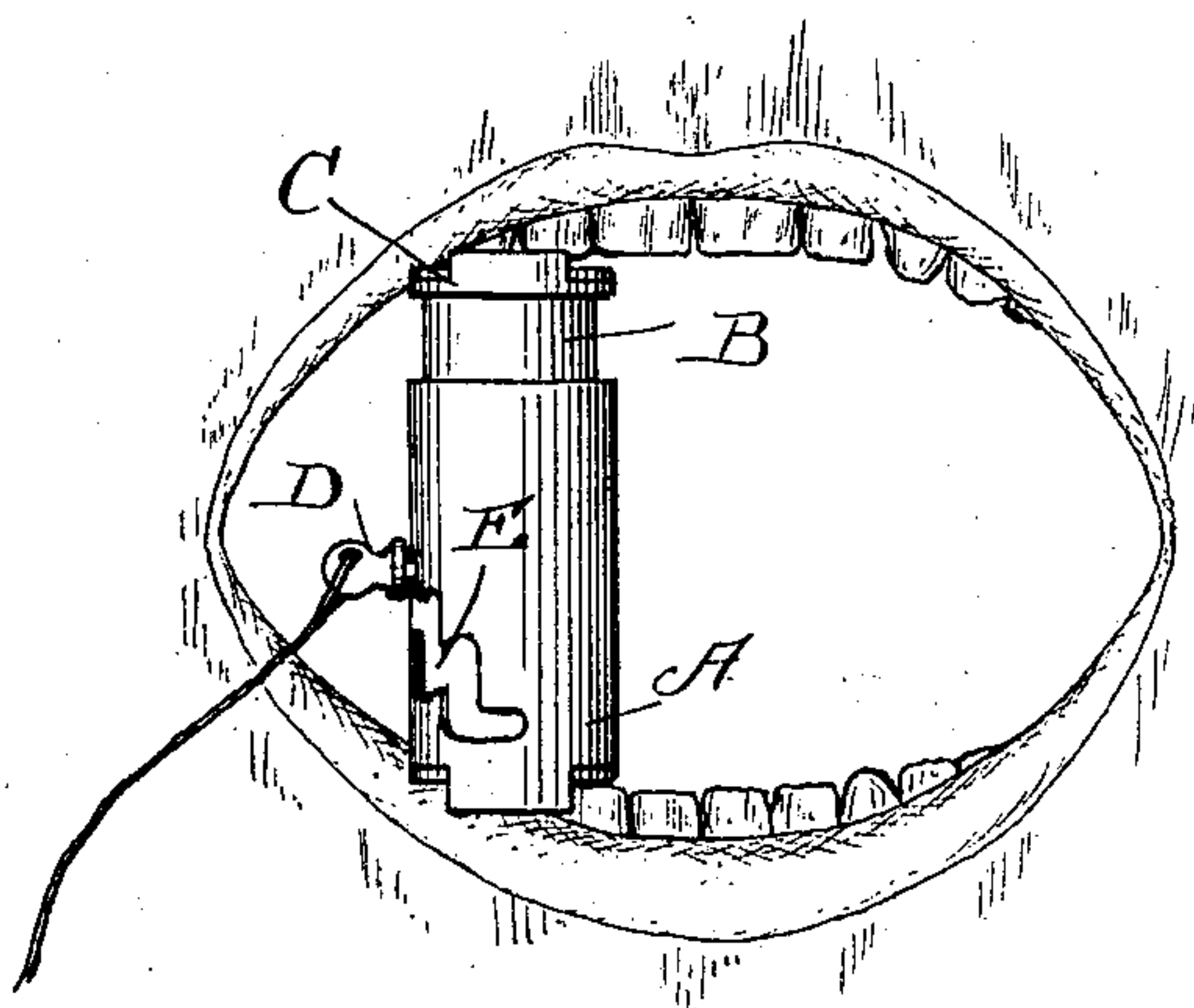


Fig. 2.

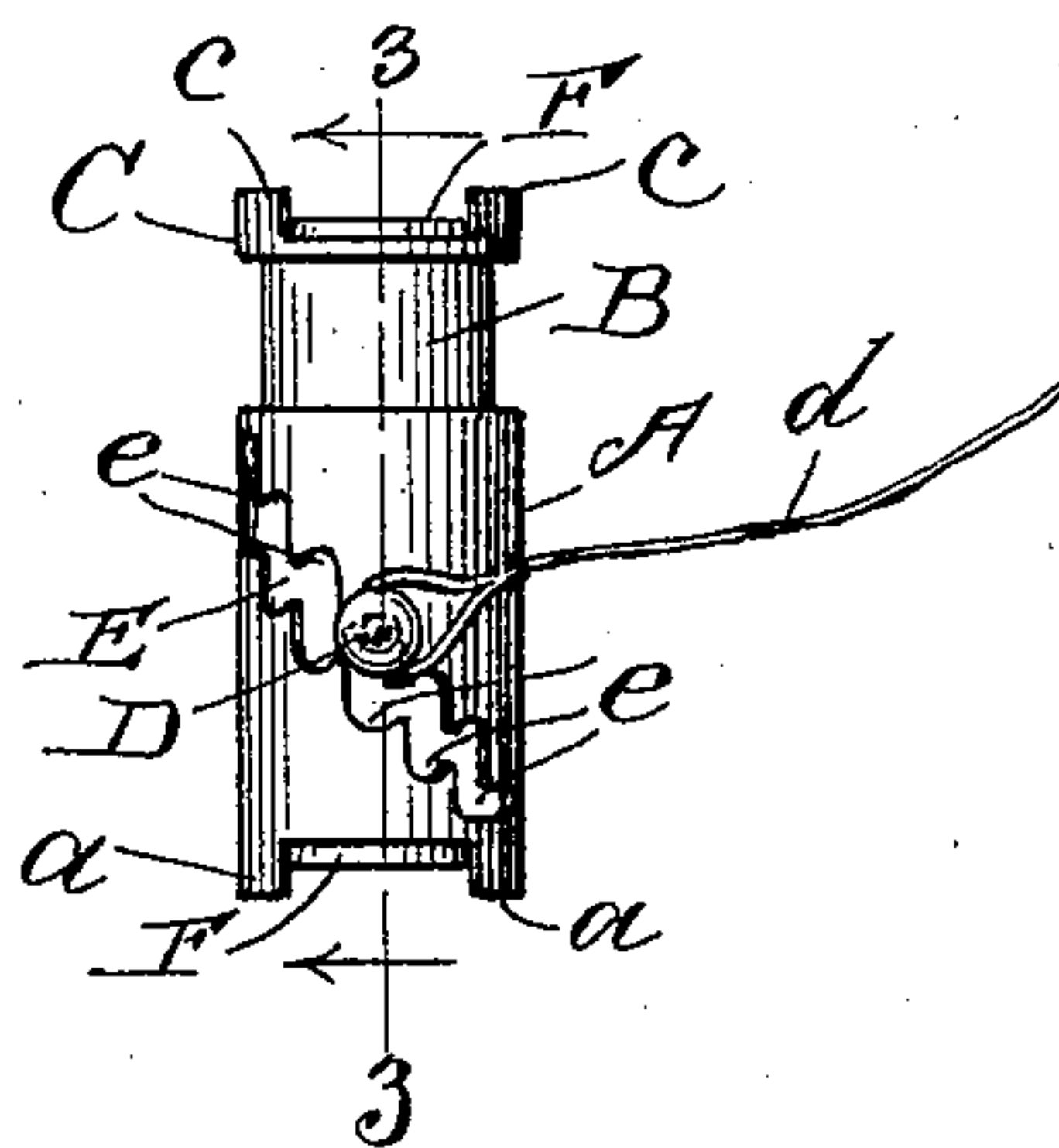


Fig. 3.

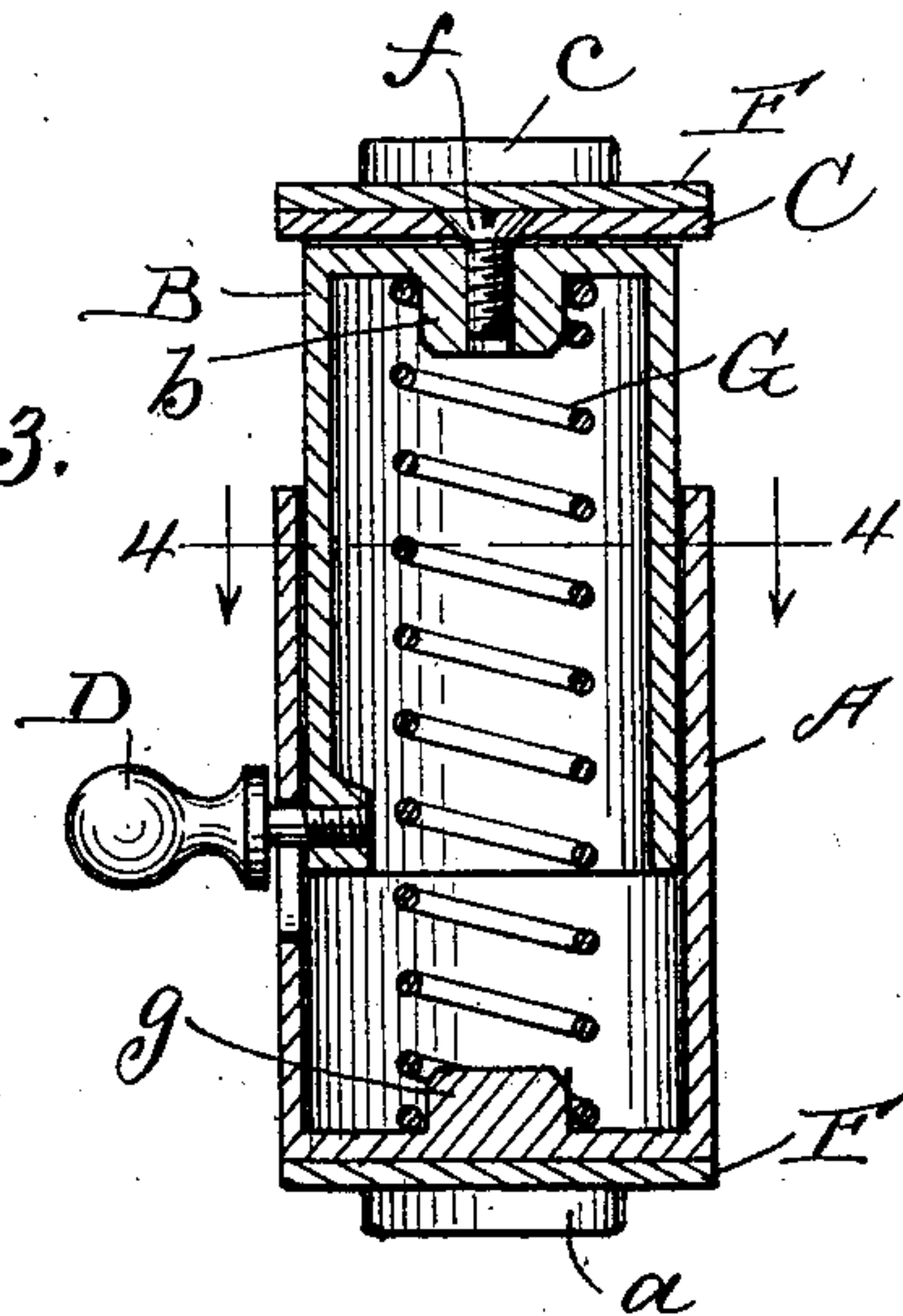


Fig. 4.

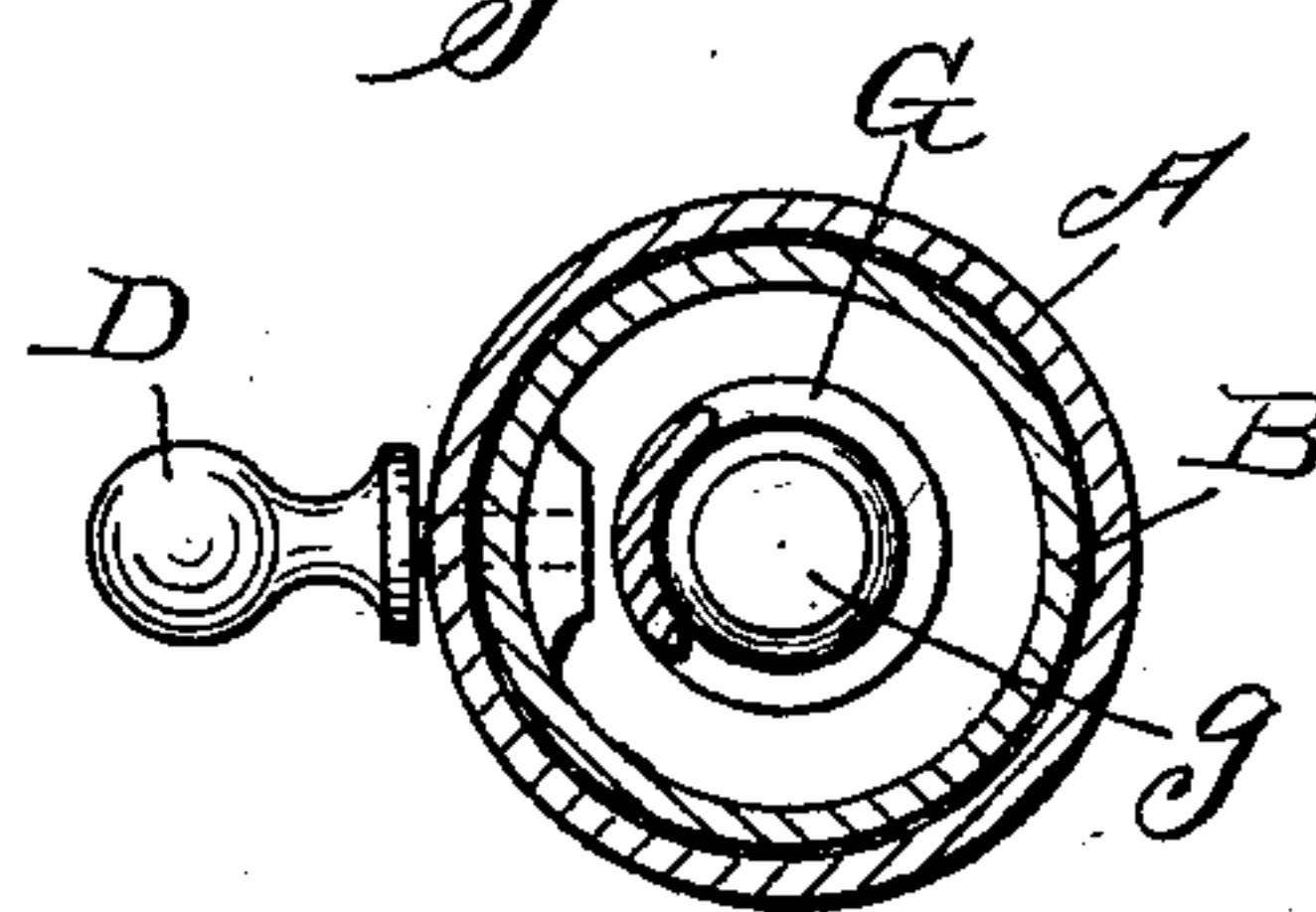
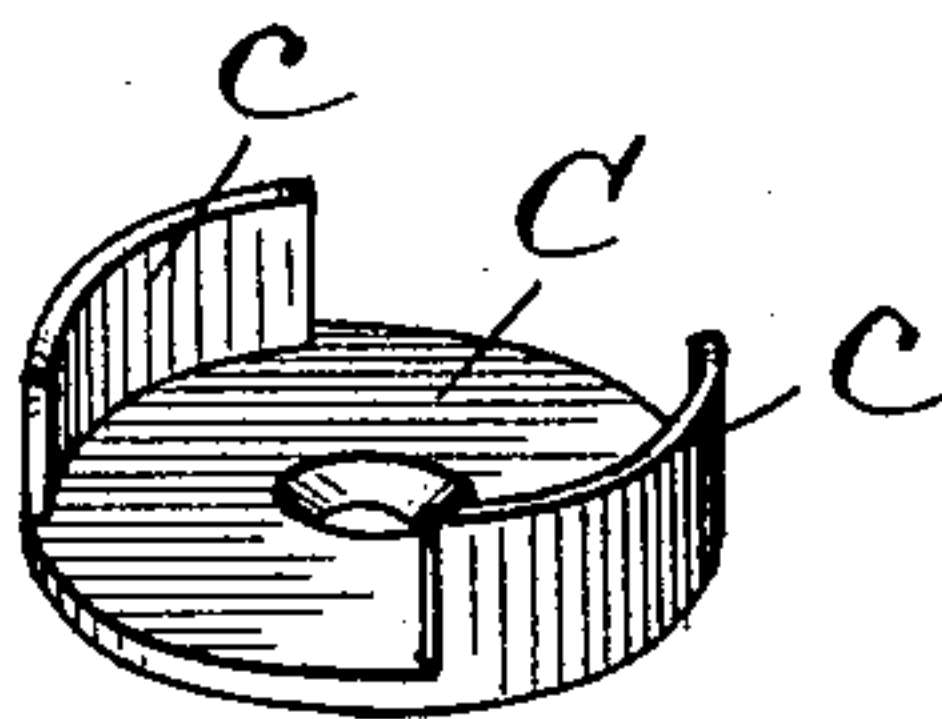


Fig. 5.



Witnesses:
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ROBERT L. HALPERIN, OF CHICAGO, ILLINOIS.

DENTAL JAW-BRACE.

SPECIFICATION forming part of Letters Patent No. 606,781, dated July 5, 1898.

Application filed September 16, 1897. Serial No. 651,919. (No model.)

To all whom it may concern:

Be it known that I, ROBERT L. HALPERIN, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a new and useful Jaw-Brace, of which the following is a specification.

My invention relates to improvements in jaw-braces generally used by dentists and surgeons for the purpose of propping the jaws of patients whenever required by the nature of an operation to be performed in the mouth or throat.

The object of my invention is to provide a prop of the character or class named which shall be adjustable in the direction of its length, from the shortest length required to the longest, and include a yielding spring between its extremities to retain it in place and afford desirable elasticity; to make the prop of few and simple parts, which are not liable to get out of order, which may easily and quickly be taken apart for cleaning purposes and just as easily and quickly made and assembled, and to secure other and further advantages in the matters of construction and operation, as will hereinafter appear. I attain these objects by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is an elevation of the device when in position distending the maxillary bones; Fig. 2, an elevation of the device; Fig. 3, a section on line 3 3 of Fig. 2; Fig. 4, a section on line 4 4 of Fig. 3; Fig. 5, a perspective view of one of the ends.

B is the inner shell telescoped by the outer shell A, both shells being closed at one end and having, respectively, the inwardly-projecting bosses *b b* and *g* for the purpose of keeping the spring C in the center.

Shell A has the slot E, through which passes the removable handle D, which is fastened rigidly into the shell B and has a cord *d* fastened to the exterior end. On the outer end of shell B is fastened the swiveled plate C by the screw *f*. The plate C and the closed end of shell A have each a pair of projecting lugs or flanges *c* and *a*, between which and covering the ends are cushions F. The slot E has the small curved notches *e* in its sides to hold the handle D in any desired position against the resistance of the spring G, which tends to press the two shells A and B apart.

I am aware that it is not new to make a jaw-brace with elastic extremities on the same principles that underlie my invention.

What I claim as my invention, and desire to secure by Letters Patent, is—

The combination in a dental mouth-prop of the telescoping tubes A and B with the spring G; slot E with curved notches *e* and screw-handle D, all as and for the purposes set forth.

ROBERT L. HALPERIN.

Witnesses:

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